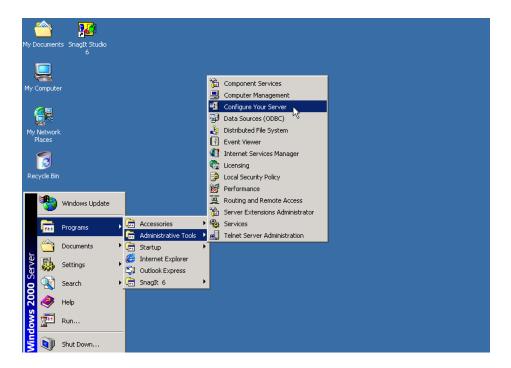
# DHCP Configuration & Setup Windows 2000 Server

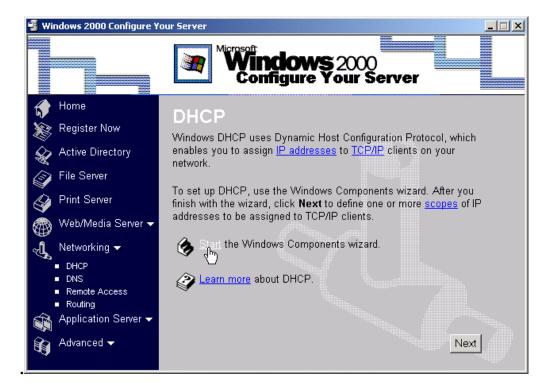
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1. From the Desktop click Start - Programs - Administrative Tools - Configure Your Server.



2. Click on Networking – DHCP and then click Start the Windows Components Wizard.

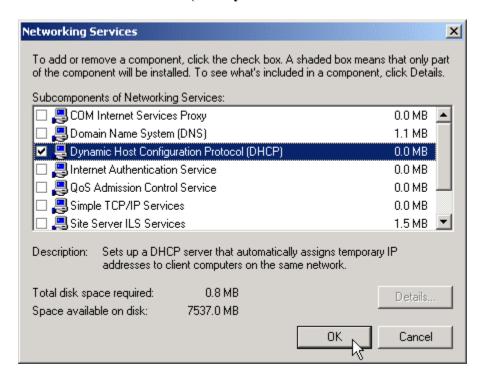


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3. Highlight the Networking Services component and click Details.



4. Select DHCP Service (Box by service should have checkmark as shown). Click OK.



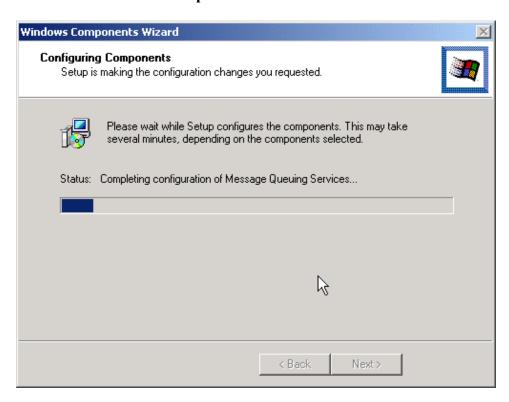
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#### 5. Click Next.



### 6. Wait while DHCP component is installed.



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#### 7. Click Finish.



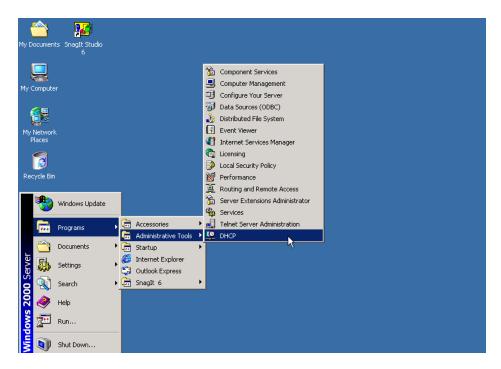
### 8. Close the Configure Your Server dialog box. (X)



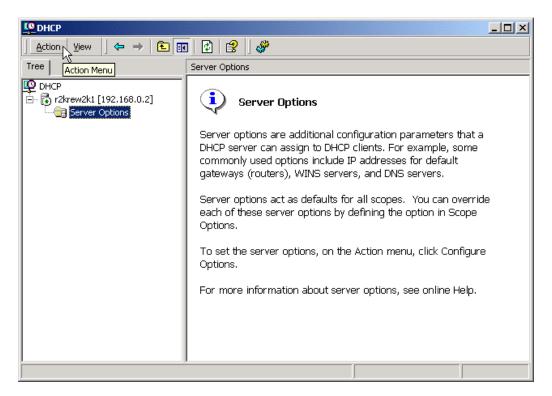
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9. From the desktop, click Start - Programs - Administrative Tools - DHCP.



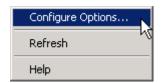
10. Click on the + beside the server to expand the selection and show the Server Options folder. Highlight the Server Options folder and click Action.



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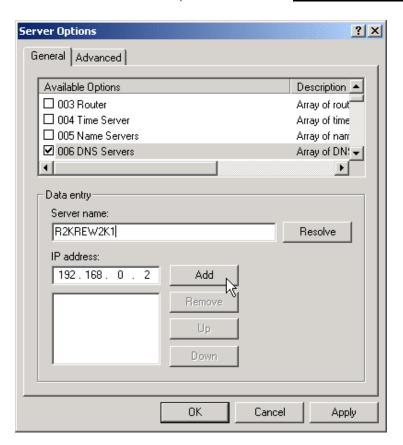
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### 11. Click on Configure Options.



- 12. This will allow us to set the default parameters for all scopes to be created. This is the same as Global Scope Properties in NT4.0. Only options that will be the same from scope to scope should be set. These include but are not limited to:
  - ✓ 006 DNS Servers
  - ✓ 015 Domain Name
  - ✓ 044 WINS / NBNS Server
  - ✓ 046 WINS / NBT Node Type (0x8) Default is 0x0

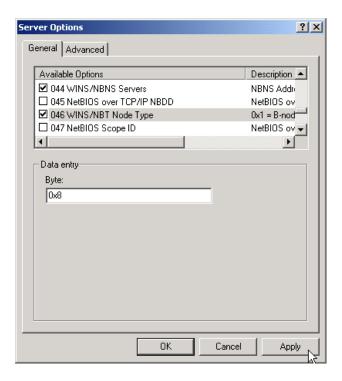
Select 006 DNS Servers with checkmark in box as shown. Enter Server name and IP #. Click Add. Scroll to 015 Domain Name and enter the appropriate information. Continue with the other defaults. (The 003 Router will be addressed in each scope individually)



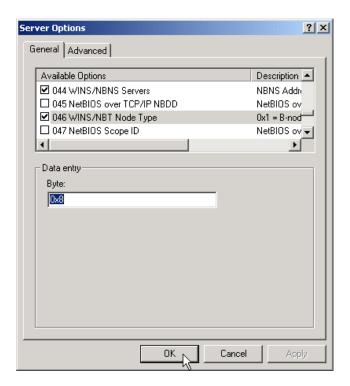
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13. When finished with all defaults click Apply. (Make sure on  $\underline{046 \text{ WINS/NBT}}$  Node Type that you change the default 0x0 to  $\underline{0x8}$ .



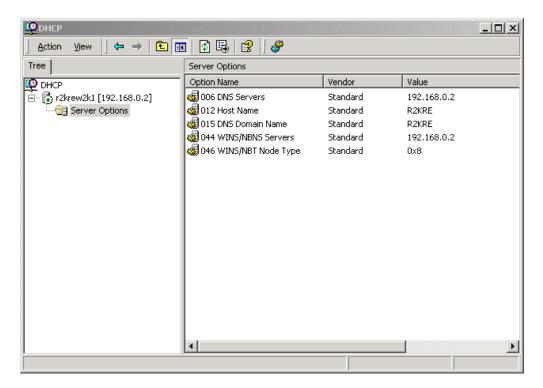
#### 14. Click OK.



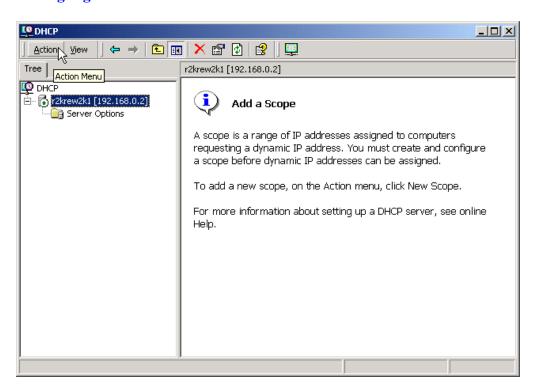
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### 15. You should see the defaults that were created in the Server Options window.



### 16. Highlight the Server and click Action.



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### 17. Click New Scope.



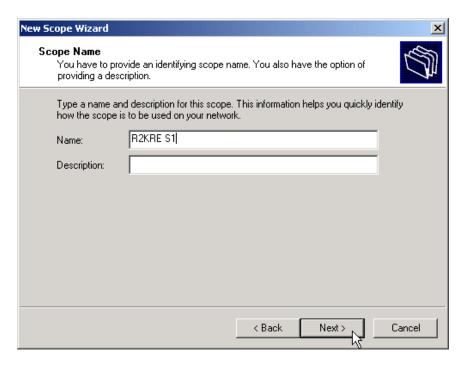
#### 18. Click Next.



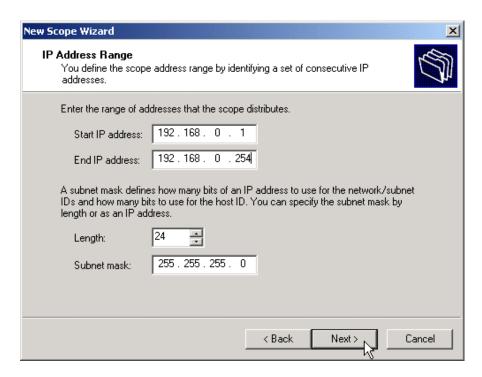
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### 19. Enter a name for the scope and click Next.



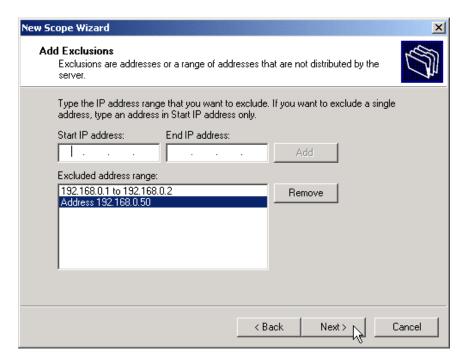
#### 20. Enter the Start and End IP# and the Subnet Mask. Click Next.



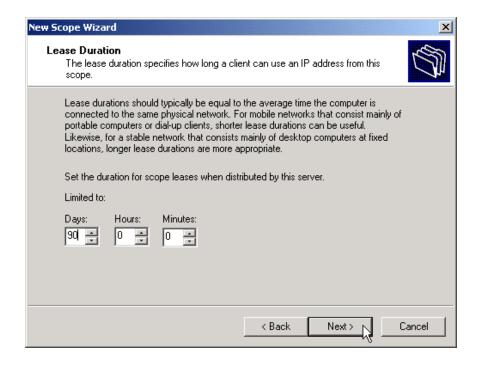
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21. Enter a range or IP to be excluded and click Add. Continue adding until all exclusions are entered for this scope then click Next.



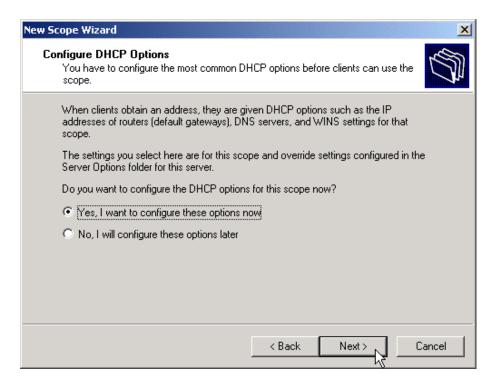
22. Set lease time to 90 days. (Default is 8) Click Next.



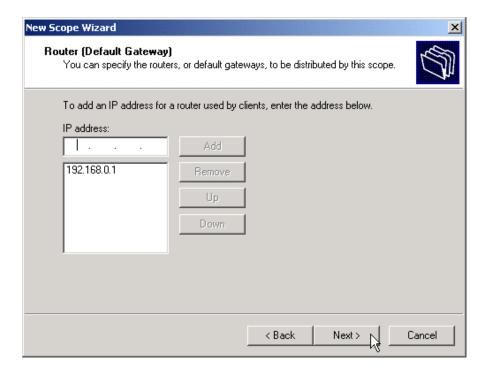
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#### 23. Click Next.



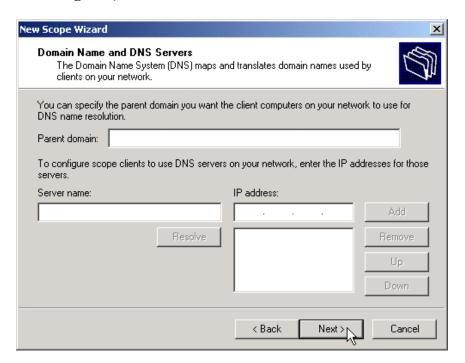
### 24. Enter the Router IP# (default gateway) of this scope. Click Add. Click Next.



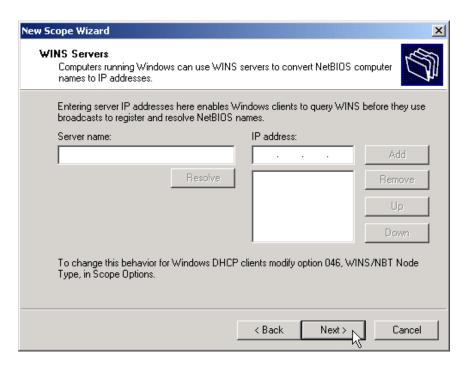
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## 25. Click Next. (DNS information will be supplied from Server Options previously configured)



#### 26. Same for WINS. Click Next.



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#### 27. Click Next.



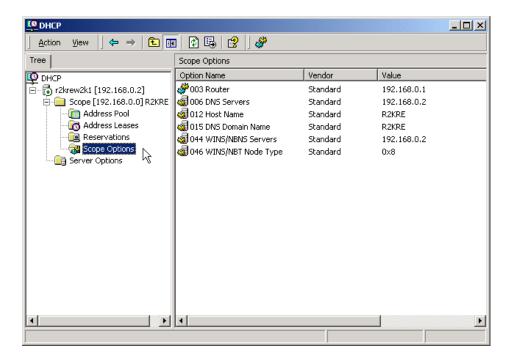
#### 28. Click Finish.



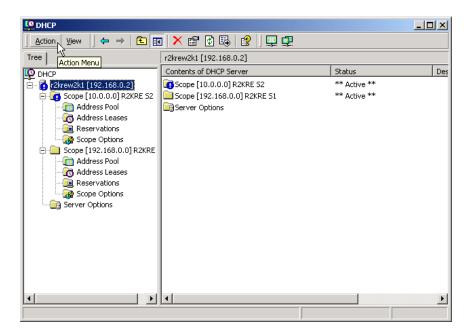
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29. You should see the created scope in the tree. If you expand the Scope and click on Scope Options, You should see the Router and all default options listed.



- 30. Repeat steps 16 28 for the next scope. You will most likely create a Public and Private Scope.
- 31. After both scopes are created you will need to create a Superscope. Highlight the Server and click Action.



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### 32. Click New Superscope.



#### 33. Click Next.

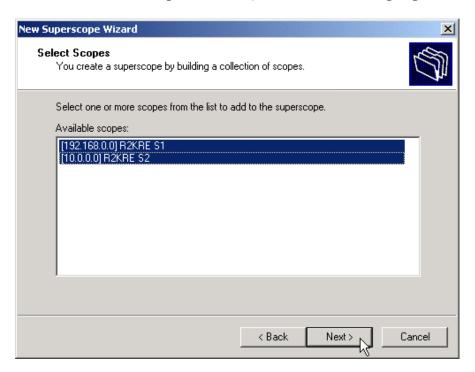


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34. Enter name for Superscope and click Next.



35. Select both scopes by holding down the Control Key and clicking each scope (these were known as child scopes in NT4.0). When both are highlighted click Next.

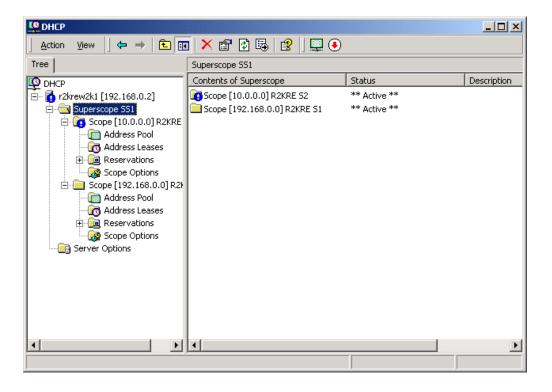


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#### 36. Click Finish.



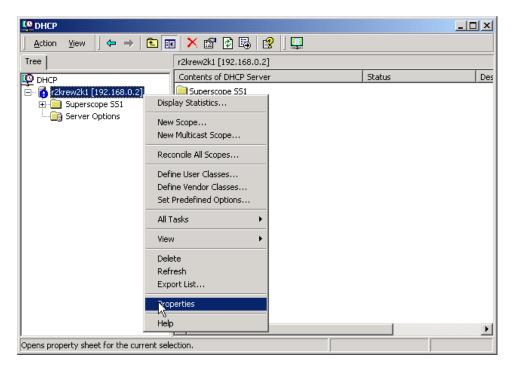
37. You can expand the Superscope in the tree and you should see each child scope.



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38. The last option to set is the Conflict Detection Attempts. Right Click on the server and select Properties. (Server is shown highlighted in picture below)



39. Click the Advanced Tab. Set the Conflict Detection Attemps to 2 (default is 0). Click Apply. Click OK.

